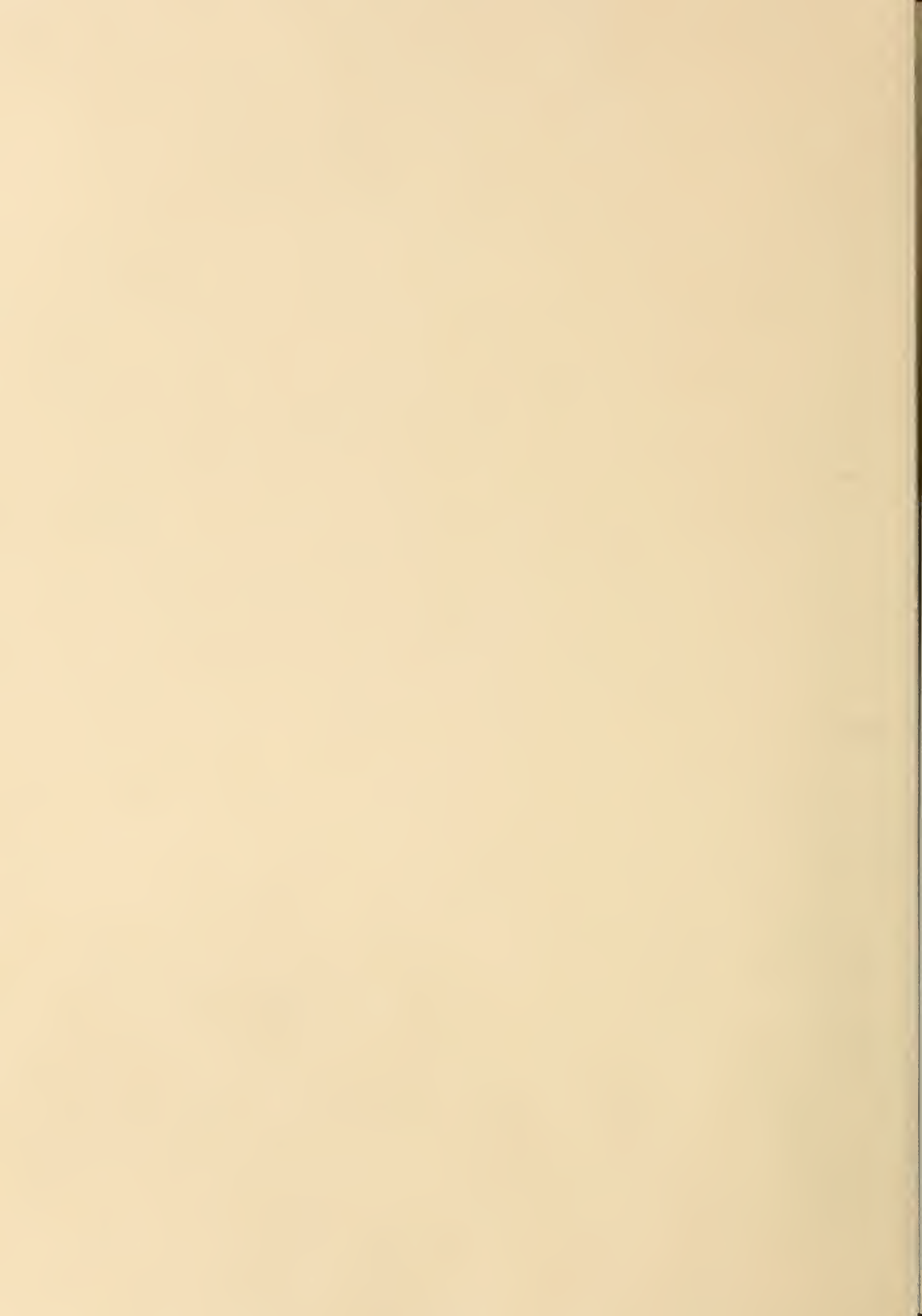
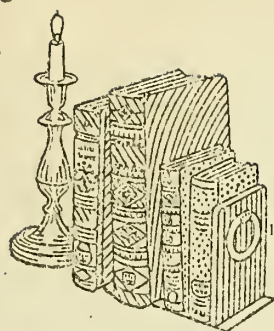


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June 1952.

"Leaders are readers."---Donald Laird.

NEW BOOKS IN THE LIBRARY

FOOD, FARMING AND THE FUTURE, by Friend Sykes. Rodale Press, 1951. 294p.
: 32 Syl4F

This is another book on the controversial subject of humus or organic farming. A review in a commercial fertilizer publication said it is full of fallacies and fancies. Perhaps it is, or maybe that is just a matter of view point. I do not know. However, if you are interested in the subject, you will probably wish to read this book.

GRASSES OF SOUTHWESTERN UNITED STATES, by F. W. Gould. University of Arizona, Biological Science Bulletin No. 7, 1951. 342p. 442.9 Ar4
Although directly concerned with the grasses of Arizona, this bulletin covers in its scope most of the grasses of the entire Southwest. In addition to the native species, there are included the numerous introduced grasses that have become established on rangelands, roadsides, and in waste places, as a result of accidental or intentional seeding. In addition to the general taxonomic keys, brief technical descriptions of the individual species are given. Information on distributional and altitudinal ranges, habitat preference, time of flowering, forage value, and range significance is included. The bulletin includes "The Role of Grasses in the Vegetation of Arizona," by Forrest Shreve, and "The genus Eragrostis," by LeRoy H. Harvey.

A MANUAL OF THE TIMBERS OF THE WORLD: THEIR CHARACTERISTICS AND USES, by A. L. Howard. 3rd ed. Macmillan, 1951. 751p. 99.79 H83 Ed.3

The trees are arranged alphabetically by common names, if well known; otherwise native vernacular names together with botanical names have been added where possible. Henry Clepper, in his review in the Journal of Forestry, said, "If it is a tree, the author doubtless has it listed somewhere, though perhaps not where an American would expect to find it. ... Truly a monumental work, this manual is a veritable treasury of knowledge about the world's timbers and the trees from which they come." The several indexes are valuable portions of the work: the usual general index, a list of timbers of the world classified according to the country of origin, an index of scientific names, and an index of vernacular names.

PATHOLOGY IN FOREST PRACTICE, by D. V. Baxter. 2d ed. Wiley, 1952. 601p.

464.07 B33P Ed. 2

"This book presents the 'inside story' of the origin, nature, and causes of diseases in trees and forests throughout the United States, Canada, and Europe. It tells how to check, regulate, and control pests and diseases that destroy or limit the usefulness of trees and products, and how to save money by accurately diagnosing the disease and its cause. Backed up by the author's many years of field experience here and abroad, this book couples the latest scientific developments with sound, tested principles and techniques of forest disease prevention and control. ... Some of the new advances incorporated in the second edition: the attention given to pole blight in the northern Rocky mountains and to the dieback of birch in New England; a better understanding of littleleaf disease of pine in southeastern Piedmont; the use of DDT and 2,4-D in forest practice; the prominence of virus diseases; the effective use of preservatives, anti-stain and anti-mold chemicals; the interrelation among insects, fungi, and disease; and the new emphasis given to the fact that both site and cultural practices cause or attract fungi or disease." From book jacket.

THE SOCIAL AND ECONOMIC SIGNIFICANCE OF LAND TENURE IN THE SOUTHWESTERN STATES, edited by Harold Hoffsommer. University of North Carolina Press, 1950.

666p. 282.002 R26

This summarization of the findings of the Southwestern Land Tenure Research Project "deals with socio-economic problems of the region (Arkansas, Louisiana, Mississippi, Oklahoma, and Texas) but it warrants consideration by social scientists both outside and within the region. ... The purpose was 'to determine and measure the relationships between the tenure status of the farm family and its economic and social performance.' ... After a general chapter on the regional tenure situation and problems, there are chapters by regional staff members on tenure and farm organization, tenure and family status, factors related to changes in tenure status, leasing arrangements and landlord-tenant relations, land tenure and soil conservation, legal aspects of land tenure and farm credit, use and sources of capital, impact of federal programs on tenure, and community and institutional factors in tenure--a rather comprehensive study of the rural economy of the region." From a review by J. F. Timmons in Agricultural Economics Research.

TEXAS RANGE GRASSES, by B. C. Tharp. University of Texas Press, 1952. 125p.

60.1 T32

This small book shows the pattern of distribution in Texas of 168 selected grass species chosen for their importance in soil cover or grazing or their potential biological significance. As the book is out and I have not had a chance to examine it, I cannot give you any more information about it.

SELECTED BULLETINS

Agricultural Economics

"Cotton Production Practices in the Black Belt Area of Alabama." Ala. Agr. Expt. Sta. C. 105, 32p. 1951. 100 ALLC 105

"Cotton Production Practices in the Lower Coastal Plain Area of Alabama." Ala. Agr. Expt. Sta. C. 104, 32p. 1951. 100 ALLC 104

Agricultural Engineering

"Aids to Planning an Artificial Curing System for Hay." Ala. Agr. Expt. Sta. L. 33, 8p. 1952. 100 ALLL 33

"Anhydrous Ammonia Equipment." La. Agr. Expt. Sta. B. 462, 46p. 1952. 100 L93 462

"Foundations for Farm Buildings." USDA Farmers' B. 1869, 46p. Revised 1952. 1 Ag84F 1869

Agronomy

"Castorbean Production." USDA Farmers' B. 2041, 22p. 1952. 1 Ag84F 2041

"Castorbean Yield Trials, 1942, 1950, 1951." Ark. Agr. Expt. Sta. Mimeo. Ser. 9, 8p. 1952. 100 Ar42M 9

"Experiments With Cotton Varieties in Louisiana 1947-1950." La. Agr. Expt. Sta. B. 460, 16p. 1951. 100 L93 460

"Field and Laboratory Investigations in Agronomy." Ill. Agr. Ext. Serv. AG1501, 31p. 1951. 275.29 IL62Pag

"Fifty Years of Progress in Field Crops," by W. M. Myers. BPISAE. 1951. 16p. 1.965 F2M99

"Investigations on Agronomy Pasture Plots." Ill. Agr. Ext. Serv. AG1497, 10p. 1951. 275.29 IL62Pag

"1951 Arkansas Cotton Variety Tests." Ark. Agr. Expt. Sta. Mimeo. Ser. 8, 9p. 1952. 100 Ar42M 8

"Precipitation and Sorghum Yields." N. Mex. Agr. Expt. Sta. Press B. 1069, 4p. 1952. 100 N46P

"The Role of Plant Foods in Permanent Soil Productivity Systems." Ill. Agr. Ext. Serv. AG1481, 17p. 1951. 275.29 IL62Pag

"Trials With Castor Beans in Texas, 1951." Tex. Agr. Expt. Sta. Progress Rpt. 1455, 5p. 1952. 100 T31P 1455

"Yield Trials With Corn Hybrids in Louisiana, 1948-51." La. Agr. Expt. Sta. B. 461, 15p. 1952. 100 L93 461

Brush & Weed Control

"Bibliography on Brush Control." Southwest Research Institute. 59p. 241.01 K12
Brief abstracts are given for most items.

"Some Typical Practices of Range Improvement in Texas." Southwest Research Institute, 1950. 17p. 60.1 H41

"Will 2,4-D Control Sierra Larkspur?" N. Rocky Mtn. Forest and Range Expt. Sta. Research Note 109, 6p. 1952. 1.9622 N3R31 109

Forestry

"The Cubic Foot as a National Log-Scaling Standard." N. Rocky Mtn. Forest and Range Expt. Sta. Sta. Paper 24, 25p. 1950. 1.9622 N3St1

"Direct Seeding Tests on Old Fields in Southeastern Ohio." Central States Forest Expt. Sta. Sta. Notes 71, 2p. 1951. 1.9 F76252S 71

"Disking to Regenerate Pulpwood Species." Lake States Forest Expt. Sta. Tech. Notes, 372, 1p. 1952. 1.9 F7625T 372

"Growing and Harvesting Tree Crops: A Pulpwood Booklet." West Va. Pulp and Paper Co. 72p. 1950.

"Hereditary Variation as the Basis for Selecting Superior Forest Trees." Southeastern Forest Expt. Sta. Sta. Paper 15, 88p. 1952. 1.9622 S4St22 15

- "Here's How....a Guide to Tree Planting in the California Pine Region." Calif. Forest and Range Expt. Sta. Misc. Paper 8, 26p. 1952. 1.9622 C2M68
- "Loblolly Pine Seed Source and Hybrid Tests in Southern Illinois." Central States Forest Expt. Sta. Tech. Paper 128, 8p. 1952. 1.9622 C3T222
- "Marking Guides for Oaks and Yellow-Poplar in the Southern Uplands." Southern Forest Expt. Sta. Occasional Paper 125, 27p. 1952. 1.9 F76240 125
- "A Method of Measuring Increase in Soil Depth and Water-Storage Capacity Due to Forest Management." Northeastern Forest Expt. Sta. Sta. Paper 47, 8p. 1952. 1.9622 N2St22
- "Pollen Dispersion of Some Forest Trees." Northeastern Forest Expt. Sta. Sta. Paper 46, 42p. 1952. 1.9622 N2St22 46
- Research Notes. Southeastern Forest Expt. Sta. 1.9622 S4R312
- No. 6. "Rates of Net Annual Growth in Cords Applicable to Large Forested Areas in Florida."
- No. 7. "Rates of Net Annual Growth in Board Feet Applicable to Large Forested Areas in Florida."
- No. 8. "Loblolly Pine Seed-Trees Removed with Minor Damage to Seedling Stand."
- No. 9. "A Better Measuring Tape for Many Woods Uses."
- No. 10. "Early Competition in Slash Pine Plantations."
- No. 11. "Second-Growth Woodland Can Be a Financial Asset to the Farm."

Grass and Pasture

- "The Annual Lospedezas." Okla. Agr. Expt. Sta. Forage Crops L. 9, 2p. 1952. 100 OK4F 9
- "Cool Season Grasses for North-Central Texas." Tex. Agr. Expt. Sta. Progress Rpt. 1456, 3p. 1952. 100 T31P 1456
- "Dallis Grass." Okla. Agr. Expt. Sta. Forage Crops L. 12, 2p. 1952. 100 OK4F 12
- "The Effect of Fertilizers on Yield and Botanical Composition of an Irrigated Pasture Mixture." N. Mex. Agr. Expt. Sta. Press B. 1068, 3p. 1952. 100 N462
- "Grass - The Romantic Tool of Conservation." Talk by G. F. Brown at meeting of American Seed Trade Assn., 1952. 12p. 1.96 Ad62
- "Grassland Potentials and the Grasslands Program." Talk by W. H. Myers before USDA Information Workers' Seminar, 1952. 11p. 1.965 F2M99
- "Hill Grassland for Beef Production." Ohio Agr. Expt. Sta. Res. C. 15, 12p. 100 Oh3Re 15
- "King Ranch Bluestem." Okla. Agr. Expt. Sta. Forage Crops L. 11, 2p. 1952. 100 OK4F 11
- "Lawns for Town and Country." Okla. Agr. Expt. Sta. Forage Crops L. 10, 4p. 1952. 100 OK4F 10
- "Soil Conservation Promotes Grassland Farming." SCS. 24p. 1951. 1.6 So3Sc
- "Statistics and Research on Pasture and Grazing," by H. L. Lucas. Lecture delivered in USDA Auditorium, Sept. 6, 1950. 25p.

Livestock Diseases

- "Foot-and-Mouth Disease." USDA Farmers' B. 666, 19p. Revised 1952. 1 Ag84F
- "Let's Discuss Livestock Bloat on Pasture." Ohio Agr. Expt. Sta. Spec. C. 89, 4p. 1952. 100 Oh3S 89

Marketing

- "Farm Retail Produce Markets in North Carolina." N. C. Agr. Expt. Sta. B. 375, 28p. 1952. 100 N81 375
- "How Alabama Farmers Buy and Sell Livestock." Ala. Agr. Expt. Sta. B. 281, 54p. 1952. 100 AL1B 281
- "Livestock Marketing Practices of North Carolina Farmers." N. C. Agr. Expt. Sta. B. 376, 51p. 1952. 100 N81 376
- "Marketing Hatching Eggs in Louisiana." La. Agr. Expt. Sta. B. 463, 28p. 1952. 100 L93 463

Soils

- "Fifty Years of Progress in Soils and Fertilizer." PISAE. 1951. 1.965 A2F46
- "Line Stabilization of Clay Soil." Tex. Eng. Expt. Sta. B. 124, 57p. 1951. 290.9 T31
- "The Use of Gypsum in Soils." N. Mex. Agr. Expt. Sta. Press B. 1070, 3p. 100 N46P

Wood Preservatives

- "Comparison of Wood Preservatives in Mississippi Post Study. (1952 Progress Report)." Forest Products Lab., Mimeo. R1757, 11p. 1.9 F761R
- "Comparison of Wood Preservatives in Stake Tests (1952 Progress Report)." FPL, Mimeo. D1761, 7p. 1.9 F761R

Miscellany

- "Combinations of Corn Silage and Coarse Alfalfa Hay for Fattening Lambs." N. Mex. Agr. Expt. Sta. B. 369, 10p. 1952. 100 N46B 369
- "Control of Corn Earworm in Sweet Corn." Ala. Agr. Expt. Sta. L. 32, 4p. 1952. 100 AL1L 32
- "Hydrology of Rates and Amounts of Surface Runoff From Single- and Mixed-Cover Watersheds." SCS TP-104, 27p. 1951. 1.96 Ad6Tp 104
- "Importance of Bees in Sweetclover Seed Production." Tex. Agr. Expt. Sta. Progress Rpt. 1458, 3p. 1952. 100 T31P
- "Kenaf (*Hibiscus cannabinus* L.): A Bibliographical Survey." USDA Biblio. B. 17, 20p. 1952. 1 Ag84Bi 17
- "Mechanics of Wind Erosion." SCS-TP-108, 12p. 1951. 1.96 Ad6Tp 108
- "Preventing and Removing Mildew...Home Methods." USDA L. 322, 10p. 1952. 1 Ag84L 322
- "Rural Zoning in the United States." USDA Agr. Inf. B. 59, 85p. 1952. 1 Ag84Ab
- "Seed Treatment for Control of Damping-off in Peanuts." N. Mex. Agr. Expt. Sta. B. 370, 11p. 1952. 100 N46B 370
- "Sulphur in Louisiana Agriculture." 1952. Freeport Sulphur Company.

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- THE ESTABLISHMENT AND EARLY MANAGEMENT OF SOWN PASTURES. 210p. 1945. 64.8 Im7
- FARM MANAGEMENT IN THE SOUTH, by R. L. Hunt. 566p. 1942. 281.002 H91
- FARM SOILS: THEIR MANAGEMENT AND FERTILIZATION, by E. L. Worthen. 510p. 4th ed. 1948. 56.7 W89 Ed. 4

- AN INTRODUCTION TO WEATHER AND CLIMATE, by G. R. Trewartha. 2d ed. 1943. 545p.
340 T72 Ed.2
- LAND CLASSIFICATION FOR LAND-USE PLANNING, by G. V. Jacks. 90p. 1946. 56.9 Im72
- THE LAZY GARDENER, by W. C. Pryor. 221p. 1947. 97 P95
- MAKE FRIENDS WITH YOUR LAND: A CHEMIST LOOKS AT ORGANICULTURE, by L. Wickenden.
132p. 1949. 56.6 W63
- A MANULL OF SOIL FUNGI, by J. C. Gilman. 1945. 392p. 462 G42
- MOISTURE REQUIREMENTS IN AGRICULTURE: FARM IRRIGATION, by H. B. Roe. 413p.
1950. 55 R62
- PALESTINE, LAND OF PROMISE, by W. C. Lowdermilk. 236p. 1944. 280.185 L95
- PLOWSHARES INTO SWORDS: AGRICULTURE IN THE WORLD WAR AGE, by A. P. Chew. 227p.
1948. 281 C42
- PRINCIPLES OF AGRICULTURAL BOTANY, by A. Nelson. 556p. 1946. 463 N33
- THE PROPER STUDY OF MANKIND...AN INQUIRY INTO THE SCIENCE OF HUMAN RELATIONS, by
S. Chase. 311p. 280 C38Pm
- SOIL, FOOD AND HEALTH, ed. by J. Forman and O. E. Fink. 342p. 1948. 279.12 F76
- THE STORY OF PLANTS, by J. Asch. 407p. 1948. 463 As2
- SUCCESS ON THE SMALL FARM, by H. S. Pearson. 285p. 1946. 31.3 P312
- SUCCESSFUL PART-TIME FARMING, by H. S. Pearson. 322p. 1947. 31.3 P312S
- T V A, DEMOCRACY ON THE MARCH, by D. E. Lilienthal. 248p. 1944. 280.002 L62T
- VEGETABLE CROPS, by H. C. Thompson. 611p. 4th ed. 1949. 91 T372 Ed.4
- WATER AND MAN: A STUDY IN ECOLOGY, compiled and edited by J. Forman and O. E.
Fink. 407p. 1950. 292 F76

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